WEMMH/SB/08A (4/03)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

3

Complete if Known					
Application Number	10/688,063				
Filing Date	October 17, 2003				
First Named Inventor	Pak C. Wong				
Group Art Unit	2621				
Examiner Name					
Attornev Docket Number	50005-149				

Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/JJC/		US-4,839,853	6/13/1989	Deerwester et al.	
7JJC/		US-5,175,710	12/29/1992	Hutson	
/JJC/		US-5,761,685	6/2/1998	Huston	
/JJC/		US-6,021,215	2/1/2000	Kornblit et al.	
/JJC/		US-6,070,133	5/30/2000	Brewster et al.	
/JJC/		US-6,097,399	8/1/2000	Bhatt et al.	
/JJC/		US-6,134,555	10/17/2000	Chadha et al.	
/JJC/		US-6,301,579	10/9/2001	Becker	
/JJC/		US-6,539,126	3/25/2003	Socolinsky et al.	
7JJC/		US-6,571,227	5/27/2003	Agrafiotis et al.	
7JJC/		US-6,615,211	9/2/2003	Beygelzimer et al.	
/JJC/		US-2001/0049678	12/6/2001	Yaginuma	
				<u></u>	
	•				

Examiner	Cite	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Application of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	7.0
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁸ (if known)	MM-DD-YYYY	Document	Figures Appear	L'	
/JJC/		PCT – WO 99/34316	July 8, 1999	Glickman et al.			
/JJC/		PCT - WO 00/39705	July 6, 2000	Glickman et al.			

Examiner	/Jeffrey Chow/	Date	01/03/2008
Signature	raciney orlowi	Considered	

EXAMINER: Initial if reference considered, whether or not chanon is in conformance with MPEP 609. Draw line through chanon it not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.s. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. ³ Kind of document by the apopropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

WEMMH/SB/08B (4/03)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Cb. addu.da	for form 4.440D/F	TO.		Complete if Known		
Substitute for form 1449B/PTO		Application Number	10/688,063			
INFORMATION DISCLOSURE				Filing Date	October 17, 2003	
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Pak C. Wong	
	_			Group Art Unit	2621	
(use as many sheets as necessary)			cessary)	Examiner Name		
Sheet	2	of	3	Attorney Docket Number	50005-149	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	Τ²			
/JJC/		Research Report: Visualizing Decision Table Classifiers; Becker (date unknown)				
/JJC/		MineSet; Website, Silicon Graphics, Inc. (1993-2000)				
/JJC/		Data Mining; IBM Website (date unknown)				
/JJC/		Visual Data Mining; Pak Chung Wong, IEEE Computer Graphics and Applications, September/October (1999)				
/JJC/		MineSet Business Solutions Using Data Mining and Visualization; www.sgi.com/go/mineset/ (1998)				
/JJC/		MineSet 2.6; www.sgi.com/go/mineset/ (1998)				
/JJC/		Clumping Properties of Content-Bearing Words, Bookstein, Klein, Raita, 1998				
/JJC/	•	Unsupervised Learing from Dyadic Data; Hofmann and Puzicha, International Computer Science Institute, December 1998				
/JJC/		SPIRE-Spatial Paradigm for Information Retrieval and Exploration, Spire website, 1999				
/JJC/	·	Website Publication, SPIRE, at URL www.pnl.gov/infoviz/spire, dated at least as early as March 11, 2001.				
/JJC/ i		Evaluating Similarity-Based Visualisations as Interfaces for Image Browsing; Kerry Rodden, Technical Report Number 543, September 2002				
/JJC/		Eser Kandogan, "Star Coordinates: A Multi-dimensional Visualization Technique with Uniform Treatment of Dimensions", IBM Almaden Research Center, California (Date Unknown).				
/JJC/		Xovis: Interactive Data Visualization with Multidimensional Scaling; Buja, Swayne, Littman, Dean and Hoffman, November 29, 2001				
/JJC/		Animating Multidimensional Scalign to Visualize N-Dimensional Data Sets; Bentley and Ward, IEEE, (1996)				
/JJC/		30 Years of Multidimensional Multivariate Visualization; Wong and Bergeron (date unknown)				
/JJC/		<u>Topic Islands – A Wavelet-Based Text Visualization System;</u> Miller, Wong, Brewster, Foote, Pacific Northwest National Laboratory (date unknown)				

Examiner Signature	/Jeffrey Chow/	Date Considered	01/03/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

WEMMH/SB/08B (4/03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number

				Complete if Known		
Substitute for form 1449B/PTO		Application Number	10/688,063			
INFORMATION DISCLOSURE				Filing Date .	October 17, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Pak C. Wong	
,				Group Art Unit	2621	
(4	use as many shee	ets as ne	ecessary)	Examiner Name		
Sheet	3	of	3	Attorney Docket Number	50005-149	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T3			
/JJC/		Visualizing the Full Spectrum of Document Relationships; Hetzler, Harris, Havre, Whitney, Pacific Northwest National Laboratory (date unknown)				
/JJC/		Visualizing the Non-Visual: Spatial Analysis and Interaction with Information from Text Documents; Wise, Thomas, Pennock, Lantrip, Pottier, Schur, Crow, Pacific North Laboratory (date unknown)				
/JJC/		The STARLIGHT Information Visualization System; Risch, Rex, Dowson, Walters, May, Moon, Pacific Northwest National Laboratory (date unknown)				
/JJC/		Multi-Faceted Insight Through Interoperable Visual Information Analysis Paradigms; Hetzler, Whitney, Martucci, Thomson, Pacific Northwest National Laboratory (Date unknown)				
/JJC/	Human Computer Interaction with Global information Spaces – Beyond Data Mining; Thomas,					
	_					
·						
-						
	•					
	•					

/Jeffrey Chow/	Considered	01/03/2008
	/Jeffrey Chow/	/Jeffrey Chow/ Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Tradenark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.